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(54) Title:

PACKET BASED STREAM TRANSPORT SCHEDULER AND METHODS OF USE THEREOF

(57) Abstract:

A method of coupling a multimedia source device to a multimedia sink device by providing a source device having a transmitter unit coupled thereto, providing sink device having a receiver unit coupled thereto, receiving a source data stream in accordance with a native stream rate by the transmitter unit, coupling the transmitter unit and the receiver unit by way of a linking unit, forming a multimedia data packet stream formed of a number of multimedia data packets and generating a transport schedule for transferring the multimedia data packet stream in accordance with a link rate between the transmitter unit and the receiver unit wherein the multimedia data